

Nuclear Data

in Nucleonica

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Nuclide Search

Nucleonica - Search - Windows Internet Explorer

http://www.nucleonica.net/Application/Search.aspx?T=DB

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Nucleonica - Search

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Nuclide Explorer
Universal Nuclide Chart
Physical Constants
Nuclide Datasheets
Fission Yields
Nuclear Data Retrieval

Data Retrieval

Nucleonica EGAF Prompt Gammas Dose Coefficients (ICRP 68 & 72) 8th Table of Isotopes

Nucleonica quick link

Nuclide Search Radiation Search Advanced Search

Nuclide Search - Search Variables & Range

Z: Element:

Mass Number: -

☐ Stable/Primordial
☒ Half-life Seconds - Seconds

☐ Isomers
☐ Decay Mode

Table print options

☒ Decay mode
☒ Half-life
☒ Abundance
☐ Spin
☐ Parity
☐ Daughter Product
☐ Branching Ratio
☐ Q-Value

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Dose Coefficients

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 Nuclear Data Retrieval

Nucleonica EGAF Prompt Gammas **Dose Coefficients (ICRP 68 & 72)** 8th Table of Isotopes

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Nuclide Search Radiation Search Advanced Search

Nuclide Search - Search Variables & Range

Z: Element: Cs

Mass Number: -

☐ Stable/Primordial

☒ Half-life 2 Weeks - 100 Years

☐ Isomers

☐ Decay Mode

Table print options

- ☒ Decay mode
- ☒ Half-life
- ☒ Abundance
- ☐ Spin
- ☐ Parity
- ☐ Daughter Product
- ☐ Branching Ratio
- ☐ Q-Value

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Search returned 4 results
Number of nuclides: 2

Nuclides	Decay mode	Half-life	Abundance
55 Cs 134	β^-	2.0651 (± 6) y	
55 Cs 134	EC	2.0651 (± 6) y	

http://www.nucleonica.net/Application/CommunityPortal.aspx

Radiation Search

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Exercises

- Find the Cs isotopes which have a half-life in the range 2 weeks -100 years.
- Find the ICRP Dose Coefficients of plutonium isotopes.
- Find the nuclides with gamma lines at 81, 303 and 356 keV with an uncertainty of 1 keV.